



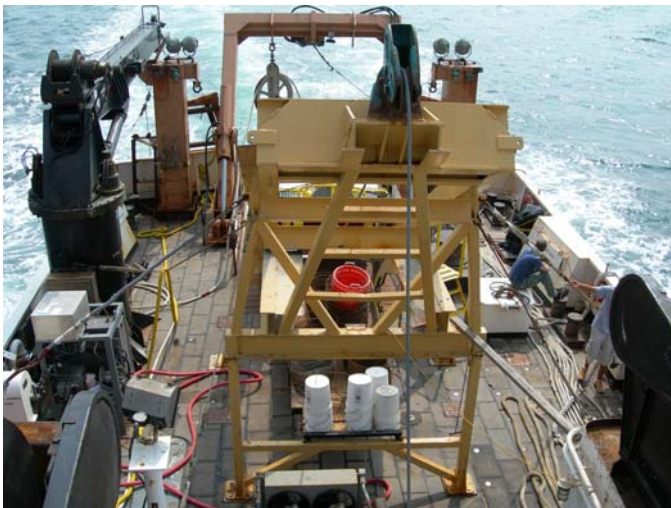
**NOAA Teacher at Sea  
Jeffrey Grevert  
Onboard NOAA Ship DELAWARE II  
June 8 - 16, 2005**

**15 June 2005  
Clam Survey Leg 2 Day 8  
NOAAS R/V Delaware II**

Jeff Grevert  
NOAA Teacher at Sea

At 1200 hrs our location and the surrounding meteorological conditions were as follows:

Latitude: 40° 12' N  
Longitude: 69° 26' W  
Visibility: 12 nm  
Wind Direction: 005°  
Wind Speed: 15 kts  
Sea Wave Height: 2 ft.  
Swell Wave Height: 3 ft.  
Sea Water Temperature 12.6° C  
Sea Level Pressure: 1005.8 mb  
Clouds: 5/8 (altostratus)



0000- 0600

After one successful trawl, an electrical component on the dredge lost power. During the next four hours, scientists and engineers dismantled the component and realized that it had a leak which allowed water to enter. The component was most likely damaged when the dredge was dragged over rocks yesterday. The component was repaired by the end of my watch. We then went off watch and ate dinner. When I awoke for my next watch, I learned

that the next watch (0600-1200) also experienced power loss to the component. Again it had to be dismantled and repaired.

1200-1800

The dredge and all components worked smoothly for my second watch. Our trawls yielded few clams however. One trawl filled the dredge with nothing but benthic sediment. After being relieved by the next watch I ate dinner and went to work on lesson plans and interviews.

- Jeff

End of Transmission